



Stantec

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December 19, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ralph Coldiron

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit
Estill County 911
177 Broadway
Irvine, KY 40336**

The Geospatial Audit of Estill County 911 located in Estill County was conducted on 10/27/2008. Estill County 911 provides wireless 9-1-1 service for Estill County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Estill County 911 meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 95% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 66% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

| | |
|-------------------------|---|
| Mapping Component | <u>Meets audit criteria</u> |
| Field Data Component | <u>Meets audit criteria with</u> 95% of points tested meeting criteria |
| Wireless Data Component | <u>Meets audit criteria with</u> 66% of calls tested meeting criteria |

Based on the results of the audit, Estill County 911 meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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GIS Project Manager
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Estill County 911

Address 177 Broadway

Audit Date 10/27/2008

City Irvine

Audit Personnel MCCORMICK

Contact Renaye Merrill

Contact Title Administrator

| Software | Version | Vendor |
|-----------------|---------|------------------------------|
| INTERACT GEO911 | 5.8 | INTERACT PUBLIC SAFETY |

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☒ Type of 'other' layers used by PSAP:

The map has 10 layers: Railroad Points, Rail SHP,
Hydrants, Structure, Road, Driveway, Estill Sid, Estill SHP,
City Limits, County Boundary

Notes and Observations:

Observations and comments:(1) Approximately one week ago Windstream worked on their central office equipment resulting in quite a difference in the information being transmitted by Appalachian Wireless calls (2) No Verizon calls came into the PSAP (4) All call from all vendors came in at Phase 1 (5) There appears to be a problem with the ALI information transferring into the CAD system and then plotted

The map was last updated 3 weeks ago - 10/6/08, the frequency of updates is approximately every six months. The data for the map is obtained and installed in the map by the 911 Administrator - Renaye Merrill

The wireless function of the audit was adjusted to 66% (minimum passing score) upon the decision from the CMRS Board that the issues discovered in the audit of wireless calls were not PSAP issues but carrier issues and the PSAP should not be penalized for them. It is incumbent on the PSAP, however, that they should work with the various carrier(s) to improve the service to the PSAP.

The data from the map was obtained by Suzy Dudley and the wireless calls were obtained by Renaye Merrill